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APPLICATION NO.	ON NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/643,406	08/19/2003		Wen Fei Yu	10541-1850	3454
<sup>29074</sup> VISTEON	7590	11/15/2007		EXAM	INER
C/O BRINKS		LSON & LIONE	LEO, LEONARD R		
	PO BOX 10395 CHICAGO, IL 60610			ART UNIT	PAPER NUMBER
011101101,1				3744	
			•	MAIL DATE	DELIVERY MODE
				11/15/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

•	471						
	Application No.	Applicant(s)					
CSSI no Andino Orango	10/643,406	YU, WEN FEI					
Office Action Summary	Examiner	Art Unit					
	Leonard R. Leo	3744					
The MAILING DATE of this communication app Period for Reply	pears on the cover sheet with the	correspondence address					
A SHORTENED STATUTORY PERIOD FOR REPLY THE MAILING DATE OF THIS COMMUNICATION.  - Extensions of time may be available under the provisions of 37 CFR 1.1 after SIX (6) MONTHS from the mailing date of this communication.  - If the period for reply specified above is less than thirty (30) days, a repl - If NO period for reply is specified above, the maximum statutory period of the period for reply within the set or extended period for reply will, by statute any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	36(a). In no event, however, may a reply be solventhin the statutory minimum of thirty (30) downward apply and will expire SIX (6) MONTHS from the cause the application to become ABANDON	timely filed  ays will be considered timely.  m the mailing date of this communication.  IED (35 U.S.C. § 133).					
Status							
1) Responsive to communication(s) filed on 23 A	<u>ugust 2007</u> .						
2a)⊠ This action is <b>FINAL</b> . 2b)□ This	s action is non-final.						
	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.						
Disposition of Claims							
<ul> <li>4)  Claim(s) 1-11 is/are pending in the application 4a) Of the above claim(s) is/are withdray</li> <li>5)  Claim(s) is/are allowed.</li> <li>6)  Claim(s) 1-11 is/are rejected.</li> <li>7)  Claim(s) is/are objected to.</li> <li>8)  Claim(s) are subject to restriction and/or</li> </ul>	wn from consideration.						
Application Papers							
9) The specification is objected to by the Examine 10) The drawing(s) filed on is/are: a) acc Applicant may not request that any objection to the	epted or b) objected to by the						
Replacement drawing sheet(s) including the correct 11) The oath or declaration is objected to by the Ex	•	·					
Priority under 35 U.S.C. § 119							
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of:  1. Certified copies of the priority document 2. Certified copies of the priority document 3. Copies of the certified copies of the priority document application from the International Bureau * See the attached detailed Office action for a list	ts have been received.  Its have been received in Applications  Its rity documents have been received in the contract of the c	tion No ved in this National Stage					
Attachment(s)							
1) Notice of References Cited (PTO-892)	4) Interview Summa	ry (PTO-413)					
<ul> <li>2) Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)</li> <li>Paper No(s)/Mail Date</li> </ul>	Paper No(s)/Mail						

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#### **DETAILED ACTION**

The amendment filed on August 23, 2007 has been entered. Claims 1-14 are pending.

## Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-2 and 7-14 are rejected under 35 U.S.C. 102(b) as being anticipated by Fernstrum. As permissibly gleaned from Figure 4 (below), the unlabelled step portion (near groove 47) extends laterally at an angle of about 30 degrees with the plane of the base portion 30.

Regarding claim 8, Fernstrum (column 4, lines 4-10) discloses the ends of tubes 3 are brazed in slot 67 in header 1.

Regarding claims 9-11, the juncture between the tube 3 and slot 67 of Fernstrum inherently meets the claim limitations.

Regarding claims 12-14, Figure 4 of Fernstrum discloses the header 1 is formed of substantially constant thickness plate 61, 63, 65.

### Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

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Claims 3-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fernstrum.

Fernstrum discloses all the claimed limitations except specific dimensions.

To employ a specific dimension is considered to be an obvious design expedient, producing no new and/or unexpected results and solving no stated problem. It would have been obvious to one of ordinary skill in the art to employ any structural dimension to achieve a desired strength, pressure drop and/or heat exchange.

### Response to Arguments

The rejections in view of Petersen are withdrawn in view of the claim amendment.

Applicant's arguments have been considered but are moot in view of the new ground(s) of rejection.

#### Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Leonard R. Leo whose telephone number is (571) 272-4916. The examiner can normally be reached on Monday thru Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Cheryl Tyler can be reached on (571) 272-4834834. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR

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system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

LEONARD R. LEO PRIMARY EXAMINER

November 12, 2007

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